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DERWENT-WEEK: 200112

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TITLE: Oxidation dye containing 2-chloro-4-amino-phenol useful for coloring keratin fibers, especially human hair

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PRIORITY-DATA: 2000DE-2017642 (October 14, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE	PAGES	MAIN-IPC
DE 20017642 U1	December 21, 2000	N/A	034	A61K 007/13

APPLICATION-DATA:

PUB NO	APPL-DESCRIPTOR	APPL-NO	APPL-DATE
DE 20017642U1	N/A	2000DE-2017642	October 14, 2000

INT-CL (IPC): A61K007/13

ABSTRACTED-PUB-NO: DE 20017642U

BASIC-ABSTRACT:

NOVELTY - Oxidation dyes for keratin fibers contain 2-chloro-4-amino-phenol as a dye precursor.

DETAILED DESCRIPTION - An agent for coloring keratin fibers comprises a cosmetically acceptable medium containing as dye precursors:

(A) 2-chloro-4-aminophenol; and

(B) N,N-bis-(2'-hydroxyethyl)-p-phenylenediamine, 4,4'-diaminodiphenylamin- e, N-phenyl-p-phenylenediamine, 2,6-dichloro-4-aminophenol, 2,6-dibromo-4-aminophenol, 2-aminomethyl-4-aminophenol, 2-diethylaminomethyl-4-aminophenol, 2-aminophenol, 4-methyl-2-aminophenol, 2,4,5,6-tetraaminopyrimidine, 2-hydroxy-4,5,6-triaminopyrimidine, 2-dimethylamino-4,5,6-triaminopyrimidine, 4,5-diamino-1-(2'-hydroxyethyl)-pyrazole, 5-(2'-hydroxyethylamino)-2-methylphenol, 5-(3'-hydroxypropylamino)-2-methylphenol, 3-amino-2-chloro-6-methylphenol, 2-chloro-6-methyl-3-trifluoroacetylaminophenol, 5-amino-4-chloro-2-methylphenol, 5-amino-4-fluoro-2-methylphenol, 5-amino-4-methoxy-2-methylphenol, N,N-dimethyl-3-aminophenol, N-cyclopentyl-3-aminophenol, 2,4-dichloro-3-aminophenol, 1,3-bis-(2',4'-diaminophenoxy)-propane, 1,3-bis-(2',4'-diamino phenyl)-propane, 3,5-diamino-2-methoxy-1-methylbenzene, 2,6-bis-(2'-hydroxyethyl)-1-methylbenzene, 2,4-diaminophenoxyethanol, 2-amino-5-chloro-3-hydroxypyridine, 3,5-diamino-2,6-dimethoxypyridine, 2,6-dihydroxy-3,4-dimethylpyridine, 2,3-diaminopyridine, 1-hydroxy-2-methylnaphthalene, 1,5-dihydroxynaphthalene, 2,7-dihydroxynaphthalene, 1,8-dihydroxynaphthalene, 4-hydroxyindole, 6-hydroxyindole, 3,4-methylenedioxyphe nol, 3,4-methylenedioxyaniline, 1-(2'-hydroxyethylamino)-3,4-methylenediox ybenzene and/or 6-methyl-1,2,3,4-tetrahydroquinoxaline.

USE - The agent is useful for the coloring of fur, wool, feathers and especially human hair, particularly in the copper to red-brown color range.

ADVANTAGE - The agent provides intense color with excellent fastness. Toxicological properties are good.

CHOSEN-DRAWING: Dwg.0/0

TITLE-TERMS: OXIDATION DYE CONTAIN CHLORO AMINO PHENOL USEFUL KERATIN HUMAN HAIR

DERWENT-CLASS: B07 D21 E24

CPI-CODES: B06-D01; B07-D12; B10-B01A; B10-B03A; B10-E02; B14-R02; D08-B06; E06-D01; E06-D06; E07-D04C; E10-B02A; E10-E04J; E10-H01E; E26-A03; E26-C;

CHEMICAL-CODES:

Chemical Indexing M2 \*01\*

Fragmentation Code  
G015 G100 H1 H100 H141 H4 H401 H441 H6 H602  
H641 HB M280 M320 M414 M431 M510 M520 M531 M540  
M782 M904 M905 Q252  
Specific Compounds  
A0D01K A0D01M

Chemical Indexing M3 \*01\*  
Fragmentation Code

⑩ BUNDESREPUBLIK  
DEUTSCHLAND

⑪ G brau hsmust rschrift  
⑫ DE 200 17 642 U 1

⑬ Int. Cl.<sup>7</sup>:  
A 61 K 7/13



DEUTSCHES  
PATENT- UND  
MARKENAMT

⑯ Aktenzeichen: 200 17 642.0  
⑯ Anmeldetag: 14. 10. 2000  
⑯ Eintragungstag: 21. 12. 2000  
⑯ Bekanntmachung im Patentblatt: 26. 1. 2001

DE 200 17 642 U 1

⑭ Inhaber:  
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⑮ Oxidationsfärbemittel mit 2-Chlor-4-aminophenol

⑯ Mittel zur Färbung keratinischer Fasern, enthaltend in einem kosmetisch akzeptablen Medium als Farbstoffvorprodukte  
(A) 2-Chlor-4-aminophenol und  
(B) mindestens ein weiteres Farbstoffvorprodukt, ausgewählt aus N,N-Bis(2'-hydroxyethyl)-p-phenylenediamin, 4,4'-Diaminodiphenylamin, N-Phenyl-p-phenylenediamin, 2,6-Dichlor-4-aminophenol, 2,6-Dibrom-4-aminophenol, 2-Aminomethyl-4-aminophenol, 2-Diethylaminomethyl-4-aminophenol, 2-Aminophenol, 4-Methyl-2-aminophenol, 2,4,5,6-Tetraaminopyrimidin, 2-Hydroxy-4,5,6-triaminopyrimidin, 2-Dimethylamino-4,5,6-triaminopyrimidin, 4,5-Diamino-1-(2'-hydroxyethyl)-pyrazol, 5-(2'-Hydroxyethylamino)-2-methylphenol, 5-(3'-Hydroxypropylamino)-2-methylphenol, 3-Amino-2-chlor-6-methylphenol, 2-Chlor-6-methyl-3-trifluoracetylaminophenol, 6-Amino-4-chlor-2-methylphenol, 6-Amino-4-fluor-2-methylphenol, 5-Amino-4-methoxy-2-methylphenol, N,N-Dimethyl-3-aminophenol, N-Cyclopentyl-3-aminophenol, 2,4-Dichlor-3-aminophenol, 1,3-Bis(2',4'-diaminophenoxy)-propan, 1,3-Bis(2',4'-diaminophenyl)-propan, 3,5-Diamino-2-methoxy-1-methylbenzol, 2,6-Bis(2'-hydroxyethyl)-1-methylbenzol, 2,4-Diaminophenoxyethanol, 5-Chlor-2-amino-3-hydroxypyridin, 3,6-Diamino-2,6-dimethylpyridin, 2,6-Dihydroxy-3,4-dimethylpyridin, 2,3-Diaminopyridin, 1-Hydroxy-2-methylnaphthalin, 1,5-Dihydroxynaphthalin, 2,7-Dihydroxynaphthalin, 1,8-Dihydroxynaphthalin, 4-Hydroxylindol, 6-Hydroxylindol, 3,4-Methylenedioxyphephenol, 3,4-Methylenedioxanilin, 1-(2'-Hydroxyethylamino)-3,4-methylenedioxobenzol und 6-Methyl-1,2,3,4-tetrahydrochinoxalin.

Means to color a keratinous fiber containing in a cosmetically acceptable medium a coloring material precursor (A) 2-chlor-4-aminophenol, and (B) at least a further coloring material precursor, selected from . . .

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